

Application No.: 09/955,507
 Response dated: March 25, 2004
 Reply to Office Action of December 8, 2003

IN THE CLAIMS

Claims 1-3 (Previously Cancelled)

Claims 4-12 Cancel

Claim 13 (Currently Amended) ~~The catalyst system of claims 4 or 8~~ A catalyst system for polymerizing ethylene alone or in combination with one or more olefin(s), comprising a cyclic germanium bridged bulky ligand metallocene-type catalyst compound and an activator, where the cyclic germanium bridged bulky ligand metallocene-type catalyst compound is selected from one of the group consisting of cyclotrimethylenegermyl(tetramethyl cyclopentadienyl) (cyclopentadienyl) zirconium dichloride, cycloctetramethylenegermyl (tetramethyl cyclopentadienyl) (cyclopentadienyl) zirconium dichloride, cyclotrimethylenegermyl(tetramethyl cyclopentadienyl) (2-methyl indenyl) zirconium dichloride, cyclotrimethylenegermyl(tetramethyl cyclopentadienyl) (3-methyl cyclopentadienyl) zirconium dichloride, cyclotrimethylenegermyl (tetramethyl cyclopentadienyl) (2,3,5-trimethyl cyclopentadienyl) zirconium dichloride, cyclotrimethylenegermyl bis(tetra methyl cyclopentadienyl) zirconium dichloride, cycloctetramethylenegermyl(tetramethyl cyclopentadienyl) (3-methyl cyclopentadienyl) zirconium dichloride, cycloctetramethylenegermyl bis(tetra methyl cyclopentadienyl) zirconium dichloride, 3,4-dimethylcycloctetramethyl-3-enegermyl(tetramethyl cyclopentadienyl) (cyclopentadienyl) zirconium dichloride, 3,4-dimethylcycloctetramethyl-3-enegermylbis(tetramethyl cyclopentadienyl) zirconium dichloride, 3,4-dimethylcycloctetramethyl-3-enegermyl(tetramethyl cyclopentadienyl) (2,3,5-trimethyl cyclopentadienyl) zirconium dichloride, 3-methylcycloctetramethyl-3-enegermyl bis(tetra methyl cyclopentadienyl) zirconium dichloride, 3-methylcycloctetramethyl-3-enegermyl (tetra methyl cyclopentadienyl) (cyclopentadienyl) zirconium dichloride, 3-methylcycloctetramethyl-3-enegermyl (tetra methyl cyclopentadienyl) (3-methylcyclopentadienyl) zirconium dichloride, o-xylidenegermyl bis(tetra methyl cyclopentadienyl) zirconium dichloride, o-xylidenegermyl(tetramethyl cyclopentadienyl) (cyclopentadienyl) zirconium dichloride, and o-

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xyridenegermyl(tetramethyl cyclopentadienyl) (3-methylcyclopentadienyl) zirconium
dichloride.

Claims 14 - 39 (Previously Cancelled)

Claim 40. Cancel

1999U033[1].US.CON.111.03.25.04